

**SECONDARY FR PROTECTION COVERALLS**



**1. Scope**

This material standard covers the requirements for secondary FR (flame resistant) protection coveralls related to personal arc flash protection.

This material standard applies to the following Seattle City Light Stock Numbers:

Coverall with Attached Sock Boots	Coverall	Size
013209	013219	Small (S)
013210	013220	Medium (M)
013211	013221	Large (L)
013212	013222	Extra-large (XL)
013213	013223	Double extra-large (2X)
013214	013224	Triple extra-large (3X)
013215	013225	Four extra-large (4X)
013216	013226	Five extra-large (5X)
013217	013227	Six extra-large (6X)
013218	013228	Seven extra-large (7X)

Arc flash suits and accessories are outside the scope of this standard.

**2. Application**

Secondary FR (flame resistant) protection coveralls are worn over primary FR clothing to resist nuisance contamination from solids and non-toxic liquids.

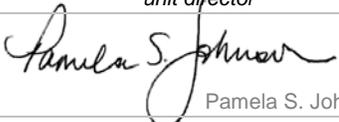
Secondary FR protection coveralls do not provide protection from hazardous chemical exposures or provide additional FR protection.

Secondary FR protection coveralls are considered single use garments.

Attached sock boots are designed to be worn inside protective outer footwear.

DuPont offers a variety of specialty fabrics for a variety of applications: Tyvek® for dry particulate hazards; Tychem® for liquid and gas chemical hazards (this material standard); Nomex® for thermal hazards; and Kevlar® for cut and abrasion protection plus ballistic protection for law enforcement and military applications.

Arc flash suits and accessories are covered in Material Standards 4013.29 and 4013.31 respectively.

<i>standards coordinator</i>	<i>standards supervisor</i>	<i>unit director</i>
 John Shipek	 John Shipek	 Pamela S. Johnson

**MATERIAL STANDARD**

Secondary FR Protection Coveralls

standard number: **4013.25**

superseding: new  
 effective date: March 25, 2011  
 page: 2 of 2

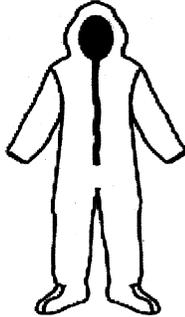
**3. Attributes**

**3.1 Coverall with attached sock boots**

**Description:** Temprow® fabric coverall, standard fit attached hood, serged seams, elastic wrist, attached sock boots, elastic ankle, and front zipper closure

**Color:** blue

**Fabric Weight:** 2.4 oz/yd<sup>2</sup>

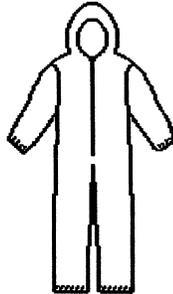


**3.2 Coverall**

**Description:** Temprow® fabric coverall, standard fit attached hood, serged seams, elastic wrist, elastic ankle, and front zipper closure.

**Color:** blue

**Fabric Weight:** 2.4 oz/yd<sup>2</sup>



**4. Packaging**

Secondary FR protection coveralls shall be packaged to prevent damage during shipping, handling, and storage.

Secondary FR protection coveralls shall be packaged 25 per case.

Each shipping container shall be marked with:

- Seattle City Light's Purchase Order Number
- Seattle City Light's Stock Number

**5. Issuance**

Stock Unit: EA

**6. Approved Manufacturers**

**6.1 Coverall with attached sock boots**

Stock Number	Size	DuPont Catalog Numbers
013209	S small	TM122SBUSM002500
013210	M medium	TM122SBUMD002500
013211	L large	TM122SBULG002500
013212	XL extra-large	TM122SBUXL002500
013213	2X double extra-large	TM122SBU2X002500
013214	3X triple extra-large	TM122SBU3X002500
013215	4X four extra-large	TM122SBU4X002500
013216	5X five extra-large	TM122SBU5X002500
013217	6X six extra-large	TM122SBU6X002500
013218	7X seven extra-large	TM122SBU7X002500

**6.2 Coverall**

Stock Number	Size	DuPont Catalog Numbers
013219	S small	TM127SBUSM002500
013220	M medium	TM127SBUMD002500
013221	L large	TM127SBULG002500
013222	XL extra-large	TM127SBUXL002500
013223	2X double extra-large	TM127SBU2X002500
013224	3X triple extra-large	TM127SBU3X002500
013225	4X four extra-large	TM127SBU4X002500
013226	5X five extra-large	TM127SBU5X002500
013227	6X six extra-large	TM127SBU6X002500
013228	7X seven extra-large	TM127SBU7X002500

**7. References**

**Number DPP 500 P**, "Arc Flash Electrical Safety"; *Draft* Version 1.4; City Light, Department Policy & Procedure (DPP); City of Seattle; *Draft* date January 24, 2011

**Shipek, John**; SCL Standards Engineer, subject matter expert and originator of 4013.25 (john.shipek@seattle.gov)

[www.dupont.com](http://www.dupont.com)

[www.dupontcatalog.com/personal\\_protection](http://www.dupontcatalog.com/personal_protection)